

## BIBLIOGRAPHY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

**Angot, Alfred.**

*Études sur le climat de la France. Régime des pluies. Deuxième partie: Région du sud-ouest et du sud.* 114 p. charts. tables. 33 cm. [Reprinted from Bureau central météorologique de France. Annales de 1912. T. 1.]

**Ångström, Anders.**

*Om variationer i de högre luftlagrens temperatur och deras samband med atmosfärens transmission och solens aktivitet.* [Göteborg. 1919.] 8 p. 2 charts. 18 cm. (Ur Geofysikermötet i Göteborg förhandlingar.)

**Crestani, Giuseppe.**

*Meteorologia aeronautica.* Milano. 1919. xv, 315 p. illus. charts (part. fold.). 19 $\frac{1}{2}$  cm.

**Denmark. Meteorologiske institut.**

*Nautisk-meteorologisk aarbog. Nautical meteorological annual.* 1918. Kjøbenhavn. 1919. L., 108 p. charts. tables. 31 cm.

**De Villamil, Richard.**

*Resistance of air.* New York. 1917. x, 192 p. front. (port.) illus. charts, tables, diagrs. 22 cm. "References" at the end of each chapter.

**Eredia, Filippo.**

*Contributo alla climatologia del Gebùl.* Firenze. 1919. 17 p. incl. tables. 24 $\frac{1}{2}$  cm. (Estratto da "L'agricoltura coloniale." Anno 13. Fasc. 1. Febbraio, 1919.)

**Fontseré [y Riba], Eduardo.**

*Estudio de un procedimiento para determinar un epicentro sísmico en función de los valores de P en varias estaciones cercanas.* Barcelona. 1919. 12 p. 2 tables. diagrs. 30 $\frac{1}{2}$  cm. At head of title: Memorias de la Real academia de ciencias y artes de Barcelona. Tercera época. Vol. 14. Núm. 12. Los globos pilotos en aerología. charts. 29 cm. (Excerpted from Iberica, Tortosa, v. 10. 1918, p. 317-320.)

**Fox, Wilson Lloyd, & Phillips, Joshua Bath.**

*Report of the observatory committee of the Royal Cornwall polytechnic society with meteorological tables and tables of sea temperature for the year 1917.* Falmouth. 1918. 15 p. incl. tables. 23 cm. Bound together with the 85th Annual report of the Royal Cornwall polytechnic society. N. S. vol. 4. Plymouth. 1918.

**Gamba, Pericle.**

*Le osservazioni di nubi, compiute nel R° Osservatorio geofisico di Pavia dal 1907 al 1910. Contributo allo studio dei movimenti dell'atmosfera.* Roma. 1913. 144 p. plates. charts. tables. 34 $\frac{1}{2}$  cm. Estratto dagli Annali dell'Ufficio centrale di meteorologia e geodinamica, vol. 34, parte 1a, 1912.)

**Horton, Robert E[imer].**

*The measurement of rainfall and snow.* cover-title. illus. map. 13 tables. diagrs. plan. 23 $\frac{1}{2}$  cm. (Reprinted from Journal of the New England water works association, vol. 33, no. 1, p. 14-71. c1919.)

**Lamb, Edmund.**

*Climatological observations, taken at Borden Wood, in the Parish of Chithurst, County of Sussex, during the year 1918.* [Liphook, Hants. 1919] [4] p. incl. tables. 26 $\frac{1}{2}$  × 33 cm.

**Lee, Richard Edwin.**

*Thermometric lag and a method for its measurement.* 2 charts. 22 $\frac{1}{2}$  cm. (Excerpted from School science and mathematics, Mount Morris, Ill. Vol. 19, no. 5. May, 1919. p. 444-452.)

**Lindholm, F.**

*Observations pyrhéliométriques faites à Stockholm pendant l'éclipse des 20-21 août 1914.* Stockholm. 1919. 19 p. charts. diagr. 8 tables. 29 cm. At head of title: L'éclipse totale de soleil des 20-21 août 1914. 3ième partie. No. 1.

**Magrini, Giovanni.**

*Gli scopi e l'attività del R. Comitato talassografico italiano.* Venezia. 1916. 116 p. 1, plates. fold. charts. fold. plans. 27 cm. At head of title: R. Comitato talassografico italiano. Memoria 21. [Marine meteorology, p. 68; aerology, p. 89-95.]

**Mascart, Jean.**

*Deux grands hivers consécutifs.* [Paris. 1918]. 6 p. chart. 21 $\frac{1}{2}$  cm. (Académie d'agriculture de France. Extrait du Compte rendu de la séance du 23 octobre 1913.) [Severe winters of 1916-1917 and 1917-1918 at Lyons.]

*Observation d'un mouvement cyclonique dans les hautes régions de l'atmosphère.* [Lyons. 1918]. 6 p. illus. chart. 24 cm. [Describes a curious helicoidal cleft observed in a bank of cloud.]

**Mexico. Secretaria de agricultura y fomento.**

*Boletín extraordinario, 31 de diciembre de 1918.* Mexico. 1919. 143 p. plates (part. col.) fold. maps. 28 cm. [Describes the organization and history of the Dirección de estudios geográficos v climatológicos, p. 94-108.]

**Mill, Hugh Robert.**

*The rainfall of Essex.* London. 1916. 3 tables. fold. map. 25 cm. (From the "Water supply of Essex," Mem. Geological survey, 1916, p. 38-46.)

*The rainfall of Lincolnshire.* London. 1904. 3 tables. fold. map. 25 cm. (Excerpted from the "Water supply of Lincolnshire," Mem. Geological survey, 1904, p. 21-28.)

*The rainfall of Nottinghamshire.* London. 1914. 3 tables. fold. map. 24 $\frac{1}{2}$  cm. (From the "Water supply of Nottinghamshire," Mem. Geological survey, 1914, p. 14-21.)

**Minio, M.**

*Sulla temperatura di Belluno.* Venezia. 1916. cover-title. 2 fold. charts. tables. 24 $\frac{1}{2}$  cm. (Reprinted from Atti del Reale istituto veneto di scienze, lettere ed arti. Anno accademico 1916-1917. Tomo 76. Parte seconda. p. [149]-196.)

**Moore, John [William].**

*Solar halos seen at Greystones, Co. Wicklow, on September 22nd, 1879; and in Texas and Ohio, U. S. A., on October 3rd, 1917. Dublin, etc. etc.]* 1919. cover-title. plate. diagr. 26 $\frac{1}{2}$  cm. (Scientific proceedings of the Royal Dublin society. Vol. 15 (N. S.) No. 33. April, 1919. p. 539-542.)

**Nevada. Agricultural experiment station, Reno.**

*Annual report of the Board of control for the fiscal year ending June 30, 1918.* Carson City, Nev. 1919. cover-title. 53 p. illus. tables. 23 $\frac{1}{2}$  cm. [Report of the Department of meteorology, by Dr. J. E. Church, Jr. p. 50-52.]

**Philip, George & son, limited.**

*Philips' comparative wall atlas of North America;* ed. by J. F. Unstead and E. R. G. Taylor. Climate: Summer conditions; winter conditions. New York. [1919] 2 col. maps. 112 $\frac{1}{2}$  × 92 cm. At bottom of map: The London geographical institute.

**Sifontes, Ernesto.**

*Contribución al estudio de la climatología tropical en la zona al sur del Río Orinoco.* (Región de Ciudad Bolívar.-Venezuela.-Guayana.) Caracas. 1918. 23 p. tables. 30 $\frac{1}{2}$  cm.

**Sjöström, Martin.**

*Quelques mesures de l'électricité atmosphérique exécutées pendant l'éclipse totale de soleil du 21 août 1914,* par Martin Sjöström et Anders Ångström. Stockholm. 1919. 8 p. 2 charts. 2 tables. 29 cm. At head of title: L'éclipse totale de soleil des 20-21 août 1914. 5ième partie. No. 3.

**Tippenhauer, Louis G[entil].**

*La théorie électromagnétique du temps.* Huitième partie. Communication provisoire. La nouvelle cause des périodes météorologiques et le principe fondamental de l'influence lunaire sur notre atmosphère. Port-au-Prince. 1919. ix, 65 p. fold. chart. fold. tables. 24 cm.

**Villar, Emilio H. del.**

*Archivo geográfico de la península Ibérica.* 1916. Barcelona. 1916. 256 p. plates. charts. tables. 25 $\frac{1}{2}$  cm. "Bibliograffa" at end of each chapter. [Clima y aguas, p. 90-125.]

**West, Frank L., & Edlefsen, N. E.**

*The climate of Utah.* Logan, Utah. 1919. 66 p. illus. charts. tables. 23 cm. (Bulletin no. 166. Utah agricultural college. Experiment station.)

**Yurieff [Dorpat] University. Meteorological observatory.**

*Meteorologische Beobachtungen angestellt in Dorpat im Jahre 1917.* 52 Jahrgang. Dorpat. 1919. 111 [1] p. tables. 25 cm.